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20277 7590 05/04/2004

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/083,683 | 02/27/2002 | Xuelong Shi | 55071-131 | 1543 |

TITLE OF INVENTION: METHOD OF IDENTIFYING AN EXTREME INTERACTION PITCH REGION, METHODS OF DESIGNING MASK PATTERNS AND MANUFACTURING MASKS, DEVICE MANUFACTURING METHODS AND COMPUTER PROGRAMS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|--------------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1330 | \$300 | \$1630 | 08/04/2004 |
| EXAMINER | | ART UNIT | CLASS-SUBCLASS | | |
| GARBOWSKI, LEIGH M | | 2825 | 716-019000 | | |

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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ASML MASKTOOLS B.V.

VELDHOVEN, NETHERLANDS

Please check the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity government

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| (Authorized Signature) | (Date) |
| Michael E. Fogarty, Reg. No. 36,139 | 8/3/2004 |
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